PTO/SBD5 (03-01)

Approved for use through 10/31/2002 OMB 0691-0904

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## UTILITY PATENT APPLICATION TRANSMITTAL

|       |   | Graham Kirsch |  |    |  |  |
|-------|---|---------------|--|----|--|--|
| Title | METHOD AND CIRCUIT FOR ALIGNMENT OF<br>FLOATING POINT SIGNIFICANDS IN A SIMD<br>ARRAY MPP |               |  |    |  |  |
|       |   |               |  | ., |  |  |

| (Only for new nonprovisional applications under 37 CFR 1 53(b))                          |  |  |  |  | ARRAY MPP   |                                    |  |   |   |  |                 |
|--|--|--|--|--|---|------------------------------------|--|---|---|--|-----------------|
| Expres   |  |  |  |  | s Mai   | l Label No.                        |  |   |   | 24   |                 |
| APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents |  |  |  |  | ADDRESS TO: Commissioner for Patents Washington, DC 20231 |                                    |  |   |   |  |                 |
| I. [<br>2. [<br>3. [   | X Fee Trans Content of the Content o | imittal Forgunal, and claims si FR 1 27 ion errangeme optive tile  | irm (e.g., PTO/SB/<br>of a deplicate for fee pro-<br>mail entity status<br>mail entity status<br>(To-<br>ort set forth below)<br>the invention<br>to Related Applicatio-<br>ting Fed sponsored is<br>usence listing, a lable,<br>ogram listing appendie<br>invention<br>of the Drawings (if like<br>ion) | rital Pages  ins R&D  x  sed)                                    | 35 ]  | 9                                  | Computer Nucleotide and (if applicable, a a Comput b Specification I. C C Statem ACCON X Assignme 37 CFR 3 (when the | or CD-R in Program (A Mora Amino A Mil necessar, ter Readabl in Sequence CD-ROM or ents verifyin MPANYIN ent Papers (173(b) State is an ass | duplicate, le Appendix) Acid Sequer y) le Form (CF Listing on. CD-R (2 cc ag identity o G APPLIC cover sheet erment ergnee) | arge table or noce Submission  RF)  Opies), or II  If above copies  CATIONS PARTS  1.8 document(s))  Power of Attorney | paper           |
| 5. (   | b Copy<br>(for or  | tion  y execut  from a pontinuation  DELETIC Signed sta  |  | 7 CFR 1 63(d))<br>(8 completed)<br>((S)<br>sting<br>spolication, | 6 ]<br>2 ]  | 11<br>12<br>13.<br>14<br>15.<br>16 | Informatio Statemen Preliminal X Return Re (Should b (Should b) (If foreign p  | on Disclosur<br>it (IDS)/PTC<br>ry Amendm<br>eceipt Posto<br>be specifical<br>Copy of Pric<br>pronty is claim<br>nation Requ                | re<br>0-1449<br>eent<br>card (MPEP<br>lly itemized)<br>onty Docum<br>ned)<br>uest under 3                                   |  | B)(i)<br>ent    |
| 6.   |  |  | Sheet. See 37 CFF  |  |   |                                    | to esformation half  | and in a n  | relemnany am  | endment, or in an Appli  | cation          |
| Fo   | Data Sheet under Continua Prior application  | tion English to the second sec | Divisional  ation. Examiner  | Only The ent   | ire disclosur<br>ocompanyin<br>a portion har              | CIP)<br>e of thing cont<br>s been  | of prior applica<br>Grou-<br>e prior applicati<br>tinuation or divis<br>inadvertently o                              | up/Art Unit<br>ion, from with<br>sonal appli<br>mitted from   | hich an oath  | n or declaration is su<br>is hereby incorporat<br>tied application parts   | pplied<br>ed by |
| _  |  |  |  | 19. C  | ORRESPO   | MDE                                | NCE ADDRES   | 33  |   |  |                 |
|  | Custome  |  | r or Bar Code Lab  |  |   |                                    |  |   | or X C  | orrespondence addr   | ess below       |
| Na   | me   |  | STEIN SHAF   |  | IN & OS   | HIN                                | SKY LLP  |   |   |  |                 |
| Address 2101 L Street NW   |  |  |  |  |   |                                    |  |   |   |  |                 |
| Cñ   | v  | Wash   | nington  |  | State   | DC                                 |  | Z   | ip Code 2   | 0037-1526  |                 |
| _  | untry  | US   | J  |  | Telephone   | (20                                | 2) 785-970   | 0   | Fax   | (202) 887-068  | 39              |
| ī  | Name (Pnnt/  | Туре)  | Thomas J.  | D'Amico/   |   | 7                                  | Registration No  | o. (Attorney  | /Agent)   | 28,371   |                 |
| t  | Signature  |  |  | TAK  | X   |                                    |  |   | Date  | June 6, 2001   | - [             |

PTO(SB17 (11-0)
Approved for use through 10/31/2002 OMB 6687-500
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|  |                    |   | Complete if Known |             |  |  |  |  |  |
|--|--------------------|---|-------------------|-------------|--|--|--|--|--|
| FEE TRANSMITTAL  |                    | Applic  | Not Yet Assigned  |             |  |  |  |  |  |
|  |                    | Filing  |                   |             | June 6, 2001   |  |  |  |  |
| for FY 2001  |                    | First N   | amed              | Inventor    | r Graham Kirsch  |  |  |  |  |
|  |                    | Exami   | ner Na            | me          | Not Yet Assigned   |  |  |  |  |
| Patent fees are subject to annual revision.  |                    | Group   | Art Ur            | nit         | N/A  |  |  |  |  |
| TOTAL AMOUNT OF PAYMENT (\$) 1038.00   |                    | Attorne   | y Dod             | ket No.     | M4065.0435/P435  |  |  |  |  |
| METHOD OF PAYMENT  |                    | FEE CALCULATION (continued)                               |                   |             |  |  |  |  |  |
| The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:           | 3. ADDITIONAL FEES |   |                   |             |  |  |  |  |  |
| Dennert  |                    | Large Entity Small Entity                                 |                   |             |  |  |  |  |  |
| Account<br>Number 04-1073  | Fee<br>Code        | Fee<br>(\$)   | Fee<br>Code       | (\$)        | Fee Description Fee  |  |  |  |  |
| Deposit<br>Account   | 105                | 130   | 205               | 65          | Surcharge – late filing fee or oath  |  |  |  |  |
| Name   | 127                | 50  | 227               | 25          | Surcharge – late provisional filing fee or cover sheet.                          |  |  |  |  |
| X Charge Any Additional Applicant claims small entity status See   | 139                | 130   | 139               | 130         | Non-English specification  |  |  |  |  |
| 37 CFR 1 16 and 1 17 37 CFR 1 27   | 147                | 2,520   | 147               | 2,520       | For filing a request for ex parte reexamination                                  |  |  |  |  |
| 2. X Payment Enclosed  | 112                | 920*  | 112               | 920*        | Requesting publication of SIR prior to<br>Examiner action                        |  |  |  |  |
| X Check Credit Card Money Order Other  | 113                | 1,840*  | 113               | 1,840*      | Requesting publication of SIR after<br>Examiner action                           |  |  |  |  |
| FEE CALCULATION  | 115                | 110   | 215               | 55          | Extension for reply within first month   |  |  |  |  |
| 1. BASIC FILING FEE  | 116                | 390   | 216               | 195         | Extension for reply within second month  |  |  |  |  |
| Large Entity Small Entity  | 117                | 890   | 217               | 445         | Extension for reply within third month   |  |  |  |  |
| Fee Fee Fee Fee Description Fee Paid   | 118                | 1,390   | 218               | 695         | Extension for reply within fourth month  |  |  |  |  |
| 101 710 201 355 Utility filing fee 710 00  | 128                | 1,890   | 228               | 945         | Extension for reply within fifth month   |  |  |  |  |
| 106 320 206 160 Design filing fee  | 119                | 310   | 219               | 155         | Notice of Appeal   |  |  |  |  |
| 107 490 207 245 Plant filing fee   | 120                | 310   | 220               | 155         | Filing a brief in support of an appeal   |  |  |  |  |
| 108 710 208 355 Reissue filing fee   | 121                | 270   | 221               | 135         | Request for oral hearing   |  |  |  |  |
| 114 150 214 75 Provisional filing fee  | 138                | 1,510   | 138<br>240        | 1,510<br>55 | Petition to institute a public use proceeding  Petition to revive – unavoidable  |  |  |  |  |
| SUBTOTAL (1) (\$) 710.00   | 140                | 1,240   | 240               | 620         | Petition to revive – unintentional   |  |  |  |  |
| 2. EXTRA CLAIM FEES Extra Fee from   | 142                | 1.240   | 242               | 620         | Utility issue fee (or reissue)   |  |  |  |  |
| Ciamia Bolon   | 143                | 440   | 243               | 220         | Design issue fee   |  |  |  |  |
| Total Claims 36 -20** = 16 X 18 00 = 288 00 Independent 3 -3** = X = 0.00                                | 144                | 600   | 244               | 300         | Plant issue fee  |  |  |  |  |
| Claims L ~ L — — — — —   | 122                | 130   | 122               | 130         | Petitions to the Commissioner  |  |  |  |  |
| Multiple Dependent   | 123                | 50  | 123               | 50          | Processing fee under 37 CFR 1.17(q)  |  |  |  |  |
| Large Entity Small Entity  | 126                | 180   | 126               | 180         | Submission of Information Disclosure Stmt  |  |  |  |  |
| Fee Fee Fee Fee Fee Fee Code (\$) Code (\$)  | 581                | 40  | 581               | 40          | Recording each patent assignment per property (times number of properties) 40.00 |  |  |  |  |
| 103 18 203 9 Claims in excess of 20  | 146                | 710   | 246               | 355         | Filing a submission after final rejection<br>(37 CFR 1.129(a))                   |  |  |  |  |
| 102 80 202 40 Independent claims in excess of 3<br>104 270 204 135 Multiple dependent claim, if not paid | 149                | 710   | 249               | 355         | For each additional invention to be<br>examined (37CFR 1.129(b))                 |  |  |  |  |
| ** Reissue independent claims  | 179                | 710   | 279               | 355         | Request for Continued Examination (RCE)  |  |  |  |  |
| over original paterit  | 169                | 900   | 169               | 900         | Request for expedited examination<br>of a design application                     |  |  |  |  |
| 110 18 210 9 ** Reissue claims in excess of 20 and over original patent                                  | Oth                | Other fee (specify)                                       |                   |             |  |  |  |  |  |
| SUBTOTAL (2) (\$) 288 00   | *Re                | *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40 00 |                   |             |  |  |  |  |  |
| **or number previously paid, if greater, For Reissues, see above   | _                  |   | _                 |             | Complete (if applicable)   |  |  |  |  |
| SUBMITTED BY   | Regi               | stration N  | 0 20              | .371        | Telephone (202) 828-2232   |  |  |  |  |
| Name (pnnt/type) Thomas J. D'Amico   | 1 (Atto            | rney/Agen   | ) 120             | ,51         | Date June 6, 2001  |  |  |  |  |
| Signature  |                    |   |                   |             |  |  |  |  |  |